

ERNST-ABBE-HOCHSCHULE JENA

University of Applied Sciences



Picture: Peter Mimietz

Naming:

The well-known citizen of Jena Ernst Abbe (1840-1905) – a researcher, entrepreneur and social reformer – represents the UAS Jena fields of specialisation in a perfect way.

Guiding principle of UAS Jena:

Innovation for Quality of Life.

Health, Precision, Sustainability & Networking



Picture: Sigrid Neef

The Innovation Centre University of Applied Sciences Jena is increasingly defined by interdisciplinary collaboration, which contributes an optimum of synergetic effects in various branches of engineering, in business administration and in the social sciences.

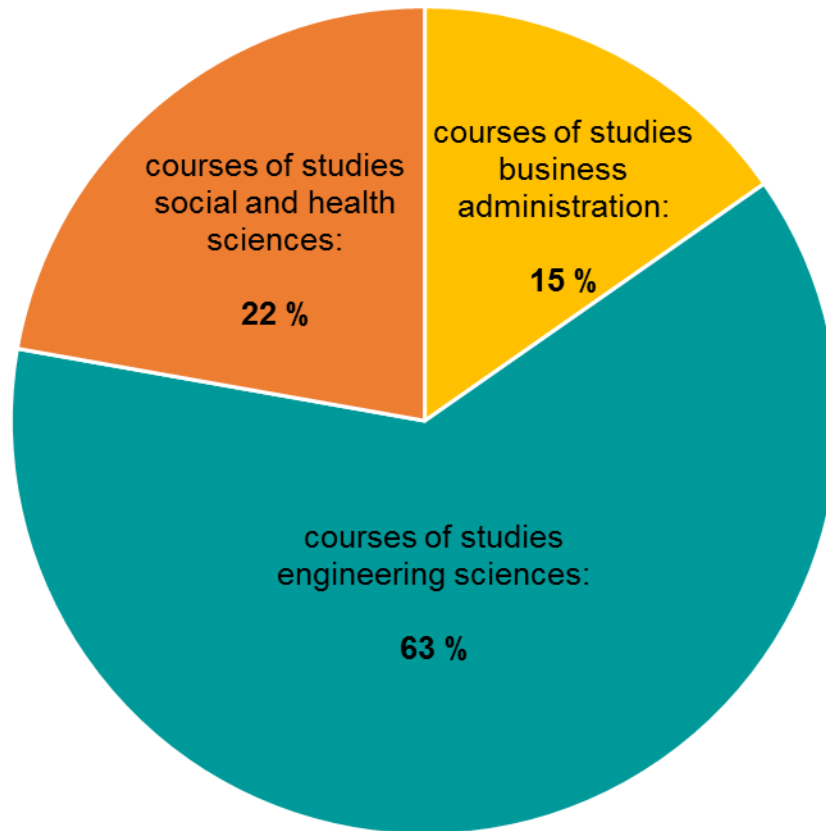
Vision of UAS Jena:

Also in future, the UAS Jena will contribute to a sustainable solution of social, cultural, technological and economical tasks due to innovation, interdependence and responsibility in a practically-oriented and research-related education.

Indicator	Quantity
Bachelor's degrees (as of winter semester 2017/2018)	25
Master's degrees (as of winter semester 2017/2018)	23
Number of students (as of winter semester 2017/2018)	4,500
Number of female students (as of winter semester 2017/2018)	1,690
Number of foreign students (as of winter semester 2017/2018)	817
Number of graduates (graduation year 2016)	857
Number of PhD students in 2016	52
Staff (as of November, 1 st in 2017)	436
Third-party funds acquired in 2018	7.8 Mio €



Distribution of students



Picture: Sebastian Reuter



Picture: Peter Mimietz

Focus of Research

Precision Systems



- Microsystems engineering
- Information- and communication technology
- Sensor technology
- Systems engineering and system integration
- Control technology
- Mechatronics
- Incident analysis

Technologies and Materials



- Manufacturing technologies
- Optic technologies
- Micro- and nanotechnologies
- Additive manufacturing processes
- New technologies for explosion protection
- Functional ceramics
- Construction materials for extreme requirements
- Microstructure analysis and thermal analysis

Health and Sustainability



- Health management
- Nursing-, midwifery- and health sciences
- Social integration and participation
- Analyses of the social sciences
- Marketing of regions
- Entrepreneurship, innovation management, business management and SME
- Biotechnology
- Medical engineering
- Optometry/Ophthalmic optics
- Acoustics
- Environmental technology